

REMARKS

35 U.S.C. § 102 Rejections

The Examiner has rejected claims 1, 2, 4-6 and 8-14 under 35 U.S.C. § 102(b) as being anticipated by Katoh (U.S. Patent Application No. 6,555,907, hereinafter "Katoh"). This includes all three independent claims 1, 9 and 12. Applicant submits that these claims, as amended, are not anticipated by Katoh.

Functional and redistribution contacts are on opposite sides of a die in Katoh and on the same side of a die according to Applicant's invention as claimed.

Katoh in Figure 6 illustrates functional terminals 54a and 54b on a substrate 52. As shown in Figures 7 and 8, a die 10 is located over the functional terminals 54 and the functional terminals 54 are connected through functional contacts 30 on a lower side of the die 10 to an integrated circuit in the die 10.

Referring now to Figure 5, it can be seen that redistribution contacts 22 are located on an upper surface of the die 10. Traces connect the redistribution contacts 22 to one another and wirebonding wires 48 are connected to the redistribution contacts 22.

What should, however, be noted when comparing Figures 5 and 8 is that the functional contacts 30 are located on a lower side of the die 10 and the redistribution contacts 22 are located on an upper side of the die 10. The

redistribution contacts 22 and the functional contacts 30 are thus not located on the same side of the die 10.

Claim 1 now specifically includes the limitation that the redistribution contacts are located on the same side of the die as the functional contacts. Support for the amendment can be found in the drawings and in paragraph 0017 and 0018 of the Description.

Claim 1 thus includes at least one limitation that is not suggested by Katoh. Claims 2, 4-6 and 8 depend from claim 1 and should be allowable for at least the same reasons as claim 1. Claim 9 has been amended in a manner similar to claim 1. Claims 10 and 11 depend from claim 9 and should be allowable for at least the same reasons as claim 9. Claim 12 has been amended in a manner similar to claim 1. Claims 13 and 14 depend from claim 12 and should be allowable for at least the same reasons as claim 12.

Applicant, accordingly, respectfully requests withdrawal of the rejections of claims 1, 2, 4-6 and 8-14 under 35 U.S.C. § 102(b) as being anticipated by Katoh.

35 U.S.C. § 103 Rejections

The Examiner has rejected claim3 under 35 U.S.C. § 103(a) as being unpatentable over Katoh in view of Li, et al. (U.S. Patent Application No. 5,838,072, hereinafter “Li”). Claim 3 depends from claim 1 and should be allowable for at least the same reasons as claim 1.

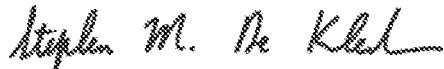
Applicant, accordingly, respectfully requests withdrawal of the rejection of claim 3 under 35 U.S.C. § 103(a) as being unpatentable over Katoh in view of Li.

Applicant respectfully submits that the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call Stephen M. De Klerk at (408) 720-8300.

Please charge any shortages and credit any overages to Deposit Account No. 02-2666. Any necessary extension of time for response not already requested is hereby requested. Please charge any corresponding fee to Deposit Account No. 02-2666.

Respectfully submitted,

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Date: December 28, 2006

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